

# MA5.2K

Lightweight, High power, High performance amplifier

## PRELIMINARY DATA

### features

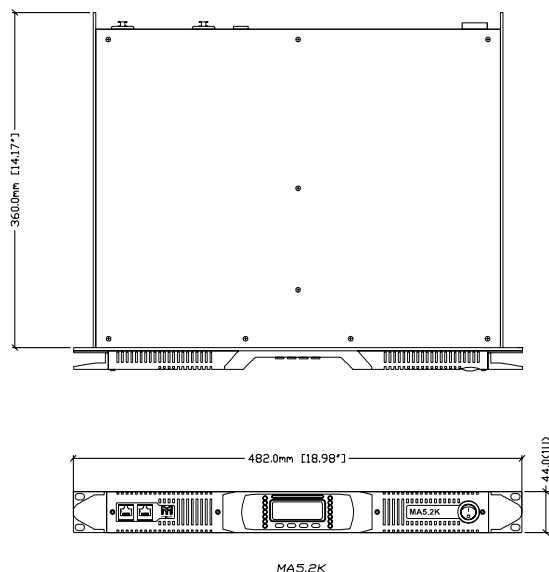
- Worldwide mains operating voltage
- Power Factor Correction
- Over-temperature forecasting
- Thermal, short-circuit and overload protection
- Temperature controlled air cooling system
- Clip and permanent signal limiter
- Digital gain attenuation
- Interactive LCD matrix
- PC remote control, monitoring and diagnostics

### applications

- Live sound reinforcement
- Fixed installations

The MA5.2K is the latest addition to the renowned range of MA Series amplifiers. The MA5.2K utilises the Pulse Width Modulation principle in combination with a high efficiency two stage switching power supply to deliver true class D operation with unparalleled sonic performance and hitherto unobtainable power delivery. Occupying only 1U of rack space, weighing a mere 8kg (17.6lbs) and, with 2 x 2600 watts output into 4 ohms, the MA5.2K is a cost effective, high performance solution to many amplification requirements.

### overall dimensions



### technical specifications

#### MAX OUTPUT POWER

EIA AT 1 kHz AND 1% THD

|                |        |
|----------------|--------|
| 8Ω PER CHANNEL | 1400 W |
| 4Ω PER CHANNEL | 2600 W |
| 2Ω PER CHANNEL | 2800 W |

#### DISTORTION

|                             |                         |
|-----------------------------|-------------------------|
| THD FROM 0.1W TO FULL POWER | < 0.05% (typically)     |
| INTERMODULATION SMPTE       | < 0.05% (typically)     |
| INTERMODULATION DIM 30      | < 0.05% (typically)     |
| S/N RATIO                   | > 112dB (20Hz to 20kHz) |
| DAMPING FACTOR (8 ohm)      | > 5000 (20Hz – 200Hz)   |
| SLEW RATE (8 ohm)           | 50 V/μs                 |

#### INPUTS

|                      |                |
|----------------------|----------------|
| GAIN SELECTABLE (dB) | 26, 29, 32, 35 |
|----------------------|----------------|

#### FRONT PANEL

|                         |   |
|-------------------------|---|
| DISPLAY                 | Interactive LCD matrix                    |
| INDICATORS              | 2 x Multi-function 7 segment LED Bargraph |
| MENU NAVIGATION         | 4 x Digital Push Button                   |
| NETWORK                 | 2 x RJ45                                  |
| DATA STORAGE & TRANSFER | Smart Card Reader                         |

#### REAR PANEL

|                   |   |
|-------------------|---|
| INPUT CONNECTORS  | 2 x Neutrik XLR (female) Input<br>2 x Neutrik XLR (male) Link |
| OUTPUT CONNECTORS | 2 x Neutrik Speakon   |
| LINK SWITCH       | Channel A-B Link  |
| DATA PORT         | RS485 Via RJ45  |

#### POWER

|                   |                       |
|-------------------|-----------------------|
| OPERATION VOLTAGE | AC: 95-265V (50/60Hz) |
|-------------------|-----------------------|

#### DIMENSIONS

|        |                   |
|--------|-------------------|
| WIDTH  | 483mm (19ins)     |
| HEIGHT | 44mm (1.75ins) 1U |
| DEPTH  | 360mm (14.2ins)   |
| WEIGHT | 8kg (17.6lbs)     |

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